Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 12 May 2023 until 23:59 on Saturday 13 May 2023

Forecast Issued on Thursday 11 May 2023 at 14:02

Confidence: High for main themes but lower than usual confidence regarding the extent of low cloud cover on Friday and Saturday. Low confidence currently in arrival/clearance of rain Sunday and Monday.

Headline for Friday 12 May 2023: Low cloud along with mist/fog patches to start, cloud lifting during the morning and perhaps some sunny spells developing.

Mountain weather hazards on Friday 12 May 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG					FOG
Fog	Fog	Fog	Cloudy	Cloudy	Cloudy	Cloudy	Fog
Precipitation probability							
00%	00%	00%	00%	00%	00%	00%	00%

Forecast for Friday 12 May 2023

Weather: Overnight low cloud spreads from the east, causing extensive low cloud and mist and fog patches across the region, with perhaps a few patches of light drizzle across the summits. Becoming brighter through the morning as cloud starts to lift, with perhaps some good sunny spells developing to the west of the area. Further east it is likely to remain cloudy throughout the day, with low cloud perhaps lingering throughout across eastern summits. Low cloud returning across the region into the evening with further mist/fog patches redeveloping.

Chance of cloud-free hill tops above 600m: 10% rising to 70% across western summits but only risk to 30% across eastern summits, deteriorating to 20% across the region into the evening.

Low Cloud and visibility: Extensive low cloud and mist/fog patches likely causing poor visibilities to start, this cloud then lifting above most western summits by mid-day, but may linger across eastern summits throughout .

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Met Office Mountain Weather Forecast

Forecast for Friday 12 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/19 NE	12/18 NE	13/19 NE	16/23 NE	17/24 NE	16/24 NE	15/23 NE	14/21 NE	12/18 NE
300	7/17 NE	8/17 NE	10/19 NE	12/22 NE	12/21 NE	13/23 NE	12/22 NE	10/20 NE	8/16 NE
Valley	8/18 NE	8/19 NE	8/19 NE	10/21 NE	9/18 NE	10/20 NE	9/19 NE	8/18 NE	6/14 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	6/3	6/2	7/3	8/4	8/4	7/3	5/0	4/-1
300	8/6	8/6	9/6	10/8	12/9	12/9	10/7	7/4	6/3
Valley	9/7	9/7	10/8	12/10	15/13	15/13	12/11	8/6	6/5
Freezing Level*	1700m	1700m	1700m	1700m	1800m	1800m	1800m	1700m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some poor visibilities to start the day with mist and fog patches, perhaps throughout to the east. Risk of moderate UV levels in any sunny spells that develop in the west during the afternoon. Feeling chilly at times with a fresh breeze.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 11 May 2023	5.6mm	7.2mm	18.6mm

Forecast for Saturday 13 May 2023

Weather: Low cloud becoming extensive again overnight with a risk of mist and fog patches redeveloping, but western hills may remain clear throughout. Cloud lifting and breaking across the region through the morning with some good sunny periods developing by the afternoon.

Maximum wind: From the Northeast 5-10mph

Chance of cloud-free hill tops above 600m: 20% rising to 90% through the morning

Low Cloud and visibility: Some poor visibilities to start in any mist and fog patches, along with low cloud perhaps affecting summits to start, cloud lifting during the morning allows visibilities to become very good by mid-morning.

Temperature: **Valleys:** Plus 7 Celsius, rising to plus 15 Celsius
At 600m: Plus 3 Celsius, rising to plus 12 Celsius
Freezing level: Above All summits

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.